

INVASIVE SPECIES CONTROL PROJECTS (R1 SMALL GRANTS) 2015 FINAL REPORT

Project Title: Mapping of Invasive Plants and Monitoring of Efficacy and Impacts in Support of Invasive Control and Rehabilitation Projects.

Station: Mid-Columbia River NWRC

Contact Person: Lamont Glass

Project Description:

This project funded a team of intern biotechs to survey for the presence of invasive species on Umatilla and McNary NWRs and Hanford Reach National Monument to identify locations for treatment. The survey team also monitored the presence of aquatic vegetation at previous rotenone treatment sites to monitor the response to carp eradication.

Invasive Species Targeted: Yellow flag iris, Russian olive, tree of heaven, Russian knapweed, diffuse knapweed, salt cedar, rush skeletonweed, camelthorn, yellow star-thistle, matrimony vine, Eurasian water milfoil.

Project Completion Date or Estimated Completion Date: December, 2015

Project Results:

The survey team searched roughly 6,000 acres on McNary NWR and 2,000 acres on Hanford Reach National Monument for invasive species. For McNary NWR, the results of 2015 surveys for yellow star-thistle adjacent to the Burbank sloughs and for tree of heaven and salt cedar on the Wallula unit have already been used to guide strategic treatment of these invasive species. The survey crew also conducted aquatic vegetation surveys on McCormack Slough at Umatilla NWR and the Burbank sloughs at McNary NWR as monitoring for the 2013 and 2014 rotenone treatments of those sites. Results of those surveys are currently being analyzed and we intend to present them at a conference on restoration this coming spring. This survey team was funded from a R1 small invasives grant and a R1 "Volunteers Working With Invasives" grant.

Number of Acres Treated: Estimated: 0

Number of Acres Inventoried and/or Mapped: 8,000

Number of Acres Restored: 0

Total Grant Amount: \$10,000

Breakdown of Expenditures:

Category	Total \$ Spent	% of Total Grant
Equipment/Supplies		
Chemical		
Biocontrol Agents		
Travel		
Biotech/Contractor Salary	\$10,000.00	100%
Restoration Materials		
Other (Describe)		
TOTAL	\$10,000.00	100%